



Australian Government

Assessment Requirements for MSL935008 Monitor the quality of test results and data

Release: 1

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Modification History

Release 1. Supersedes and is not equivalent to MSL935007 Monitor the quality of test results and data. Prerequisite unit added. Minor changes to Performance Criteria and Performance Evidence for clarity. Items removed from, and added to, Knowledge Evidence. Inappropriate resource requirement removed from Assessment Conditions.

Performance Evidence

There must be evidence the candidate has completed the tasks outlined in the elements and performance criteria of this unit, and:

- analysed at least 2 sets of test results and instrument calibration data and/or quality control records, including:
 - checking accuracy and completeness
 - detecting potential or actual non-conformances and:
 - assessing their significance
 - identifying potential causes
 - recommending preventative or corrective actions.
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Knowledge Evidence

There must be evidence the candidate has knowledge of:

- specifications for samples, tests and/or calibration activities under investigation
- scientific and technical knowledge of the procedures, equipment, materials and instrumentation used to generate the test results and data
- charts, tables and statistical analysis tools to interpret results, estimate uncertainties and determine data acceptability
- common sources of interference that may affect data
- difference between batch versus continuous quality control monitoring
- importance of considering potential impacts of non-conformances on previous work
- common human and environmental factors that may affect data
- common sources of faults in instruments and equipment that may affect data
- workplace data quality procedures and/or legal traceability requirements
- instrument calibration/performance records required for the job role
- typical sample collection and preparation problems and associated preventative/corrective actions
- existence and purpose of any accreditation and regulatory requirements relating to test results and data as they affect own job role.

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Assessment Conditions

Skills must have been demonstrated in the workplace or in a simulated environment that reflects workplace conditions and contingencies. The following conditions must be met for this unit:

- use of suitable facilities, equipment and resources, including:
 - workplace quality assurance procedures based on Australian and/or international standards, and workplace quality manuals and procedures
 - technical records of sampling and testing activities, and instrument calibration/performance records
 - appropriate software.

Assessors must satisfy the NVR/AQTF mandatory competency requirements for assessors.

Links

MSL Laboratory Operations Companion Volume Implementation Guide is available from VETNet –

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=5c63a03b-4a6b-4ae5-9560-1e3c5f462baa>